Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110819\

Quantitation Report (Not Reviewed)

Data File : VD064161.D
Acq On : 08 Nov 2019 18:18
Operator : VA/SY
Sample : VD1108SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD1108SBL01

Quant Time: Nov 09 01:47:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	819225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1196236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1044646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	499640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	363544	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.92%			
35) Dibromofluoromethane	7.92	113	350631	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
50) Toluene-d8	10.34	98	1319901	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.90%			
62) 4-Bromofluorobenzene	12.64	95	447779	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
Target Compounds						Qvalue
10) Methyl Iodide	4.30	142	2160	2.283	ug/l #	62
11) Tert butyl alcohol	5.24	59	1443	1.396	ug/l #	1
13) Acrolein	3.94	56	904	2.271	ug/l #	61
16) Acetone	4.17	43	5676	3.556	ug/l #	69
20) Methylene Chloride	4.97	84	27662	3.431	ug/l #	83
25) 2-Butanone	7.22	43	9951	4.826	ug/l	90
31) Cyclohexane	7.98	56	19948	1.508	ug/l #	26
49) 1,4-Dioxane	9.47	88	265	5.612	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	9866	2.145	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.94	63	7091	2.346	ug/l	99
59) 2-Hexanone	10.98	43	5328	1.628	ug/l	93
76) 1,2,3-Trichloropropane	12.63	75	234749	58.331	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	234749	115.868	ug/l #	10

(#) = qualifier out of range (m) = manual integration (+) = signals summed

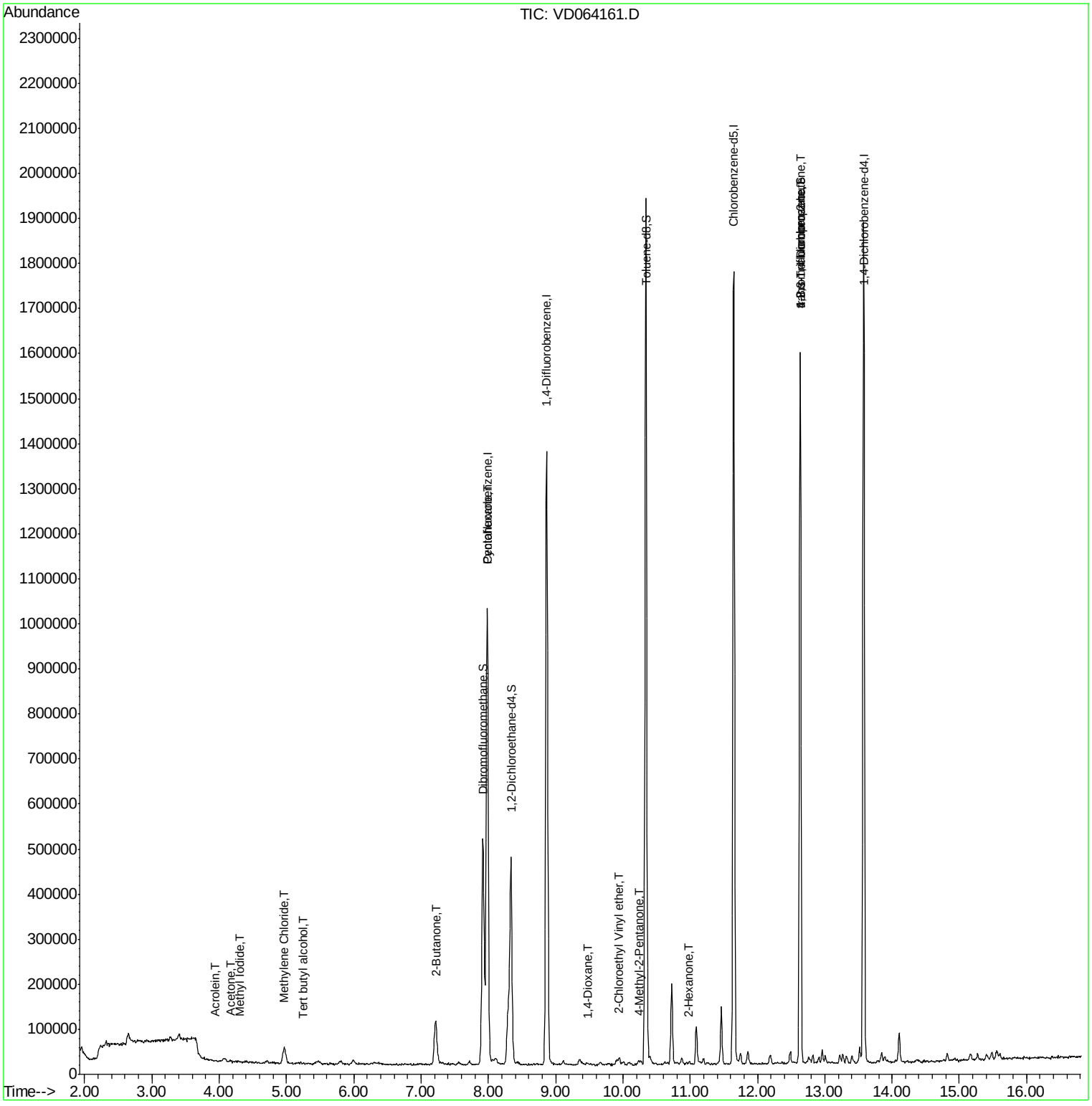
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110819\

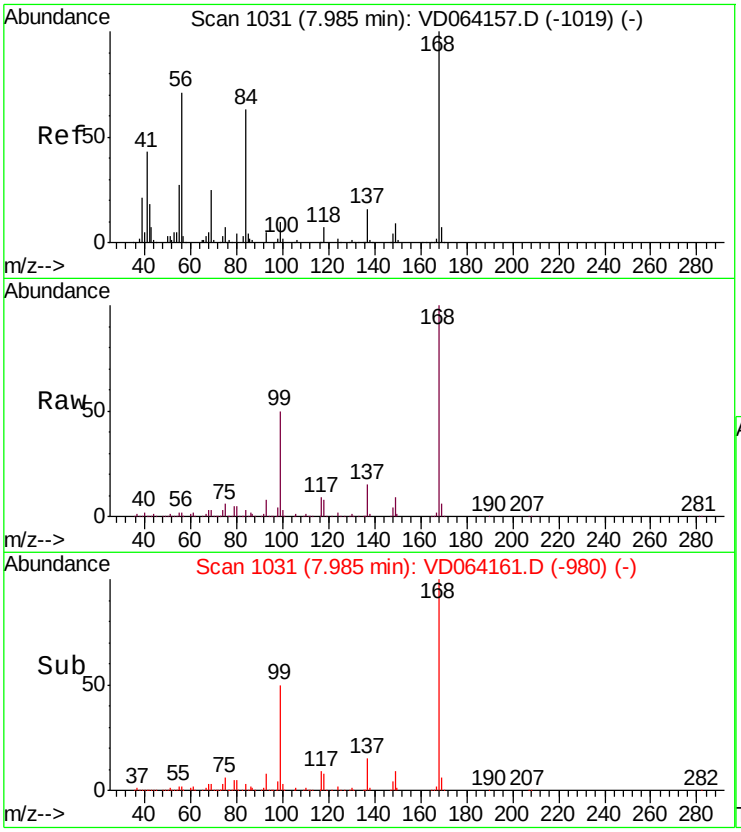
Quantitation Report (Not Reviewed)

Data File : VD064161.D
Acq On : 08 Nov 2019 18:18
Operator : VA/SY
Sample : VD1108SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Quant Time: Nov 09 01:47:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration



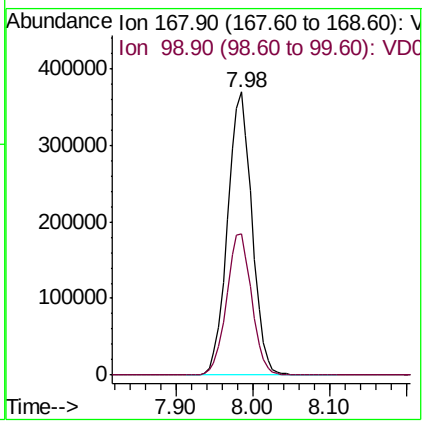


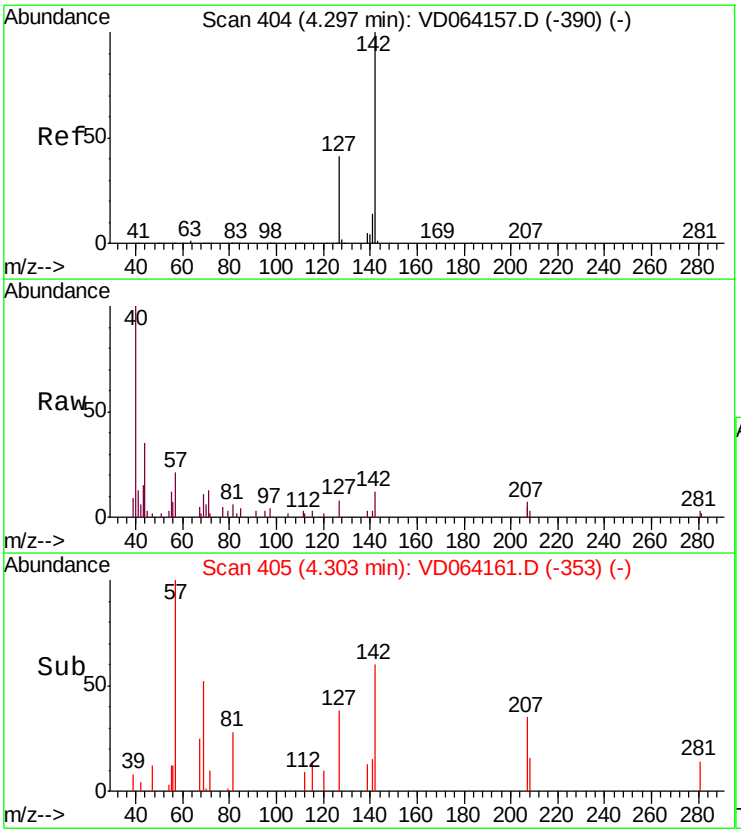
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion:168 Resp: 819225

Ion	Ratio	Lower	Upper
168	100		
99	49.9	41.6	62.4

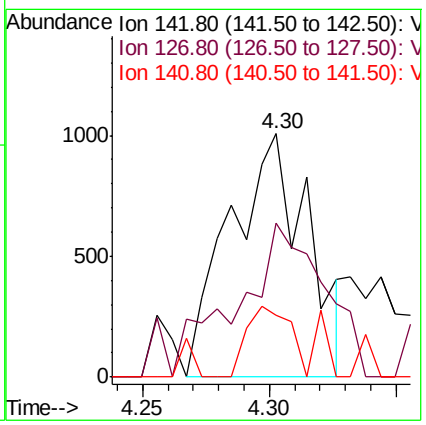


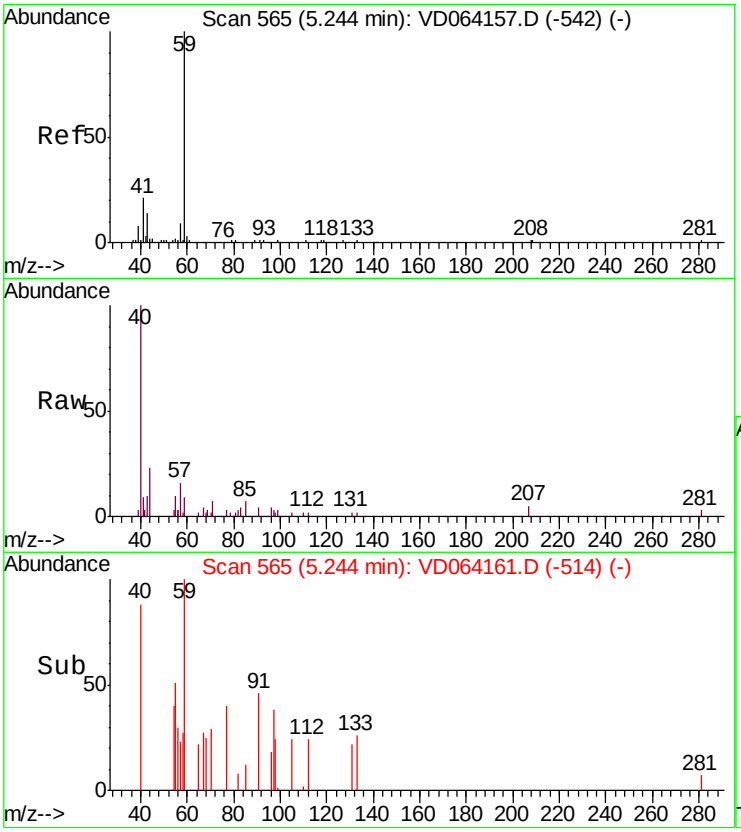


#10
Methyl Iodide
Concen: 2.283 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion:142 Resp: 2160

Ion	Ratio	Lower	Upper
142	100		
127	74.3	34.4	51.6#
141	16.1	11.2	16.8



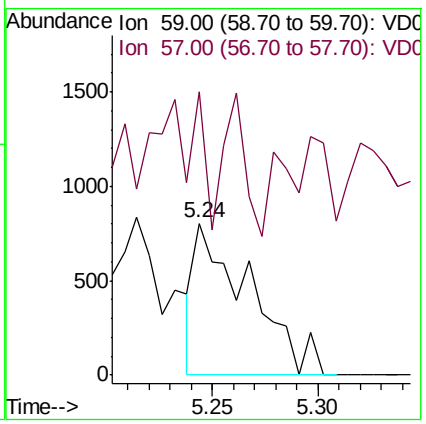


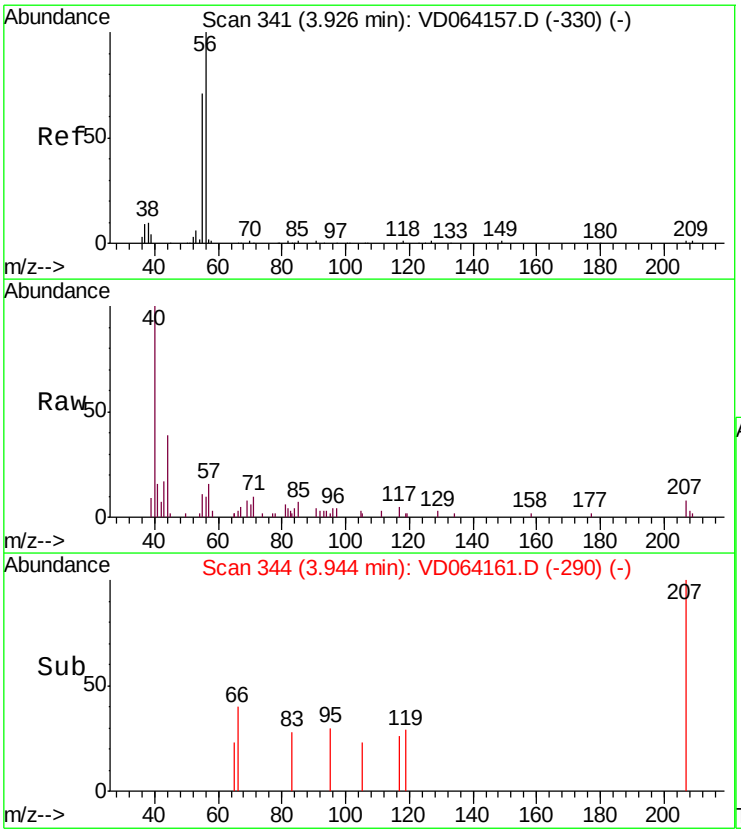
#11
Tert butyl alcohol
Concen: 1.396 ug/l
RT: 5.24 min Scan# 565
Delta R.T. 0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion: 59 Resp: 1443

Ion	Ratio	Lower	Upper
59	100		
57	65.6	9.4	14.2#

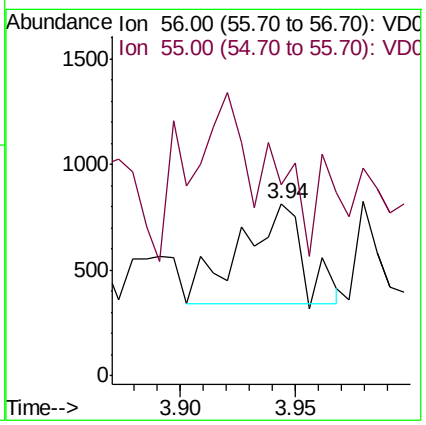


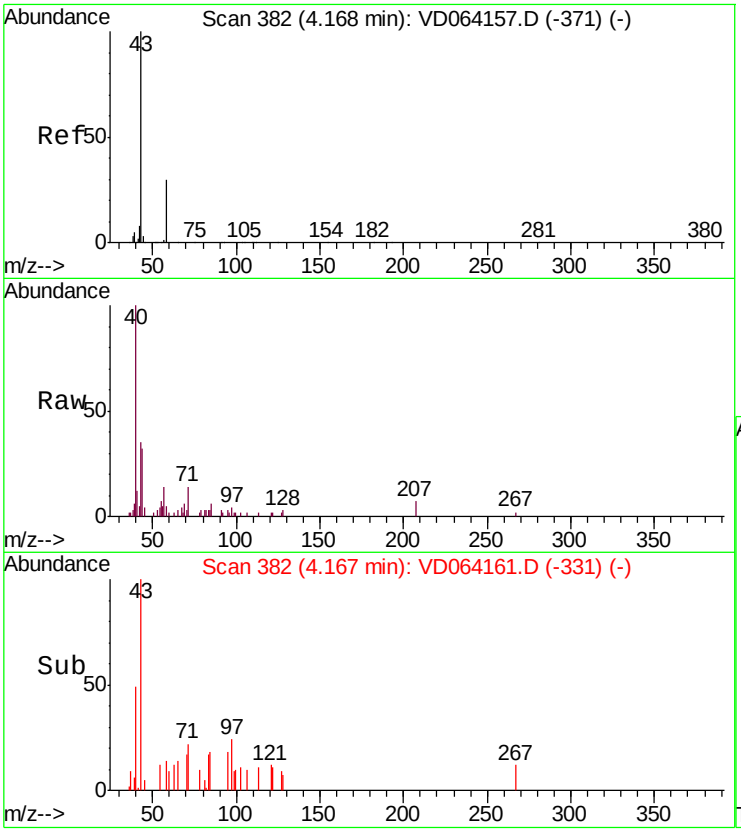


#13
Acrolein
Concen: 2.271 ug/l
RT: 3.94 min Scan# 344
Delta R.T. 0.02 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 56 Resp: 904

Ion	Ratio	Lower	Upper
56	100		
55	38.3	56.1	84.1#



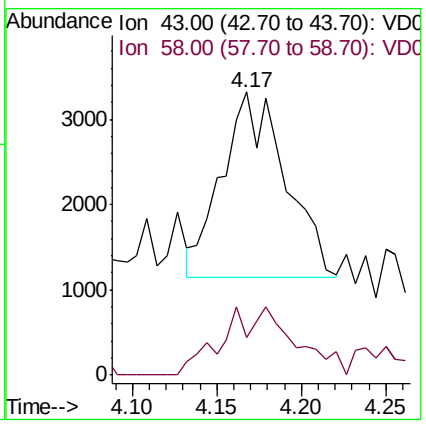


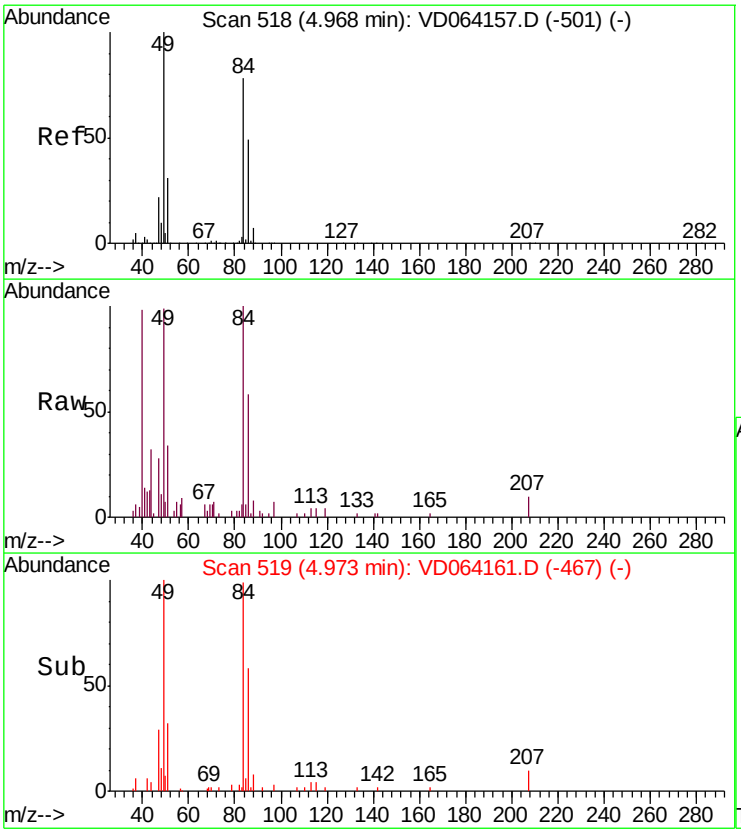
#16
Acetone
Concen: 3.556 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument : MSVOA_D
ClientSampleId : VD1108SBL01

Tgt Ion: 43 Resp: 5676

Ion	Ratio	Lower	Upper
43	100		
58	13.4	24.1	36.1#

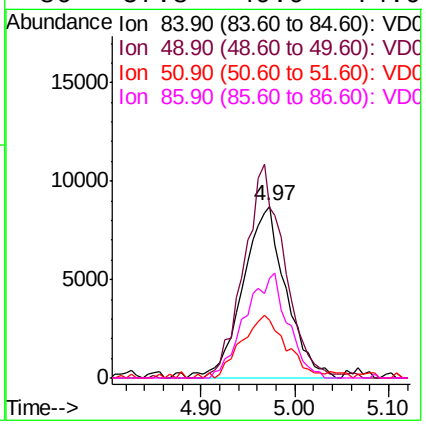


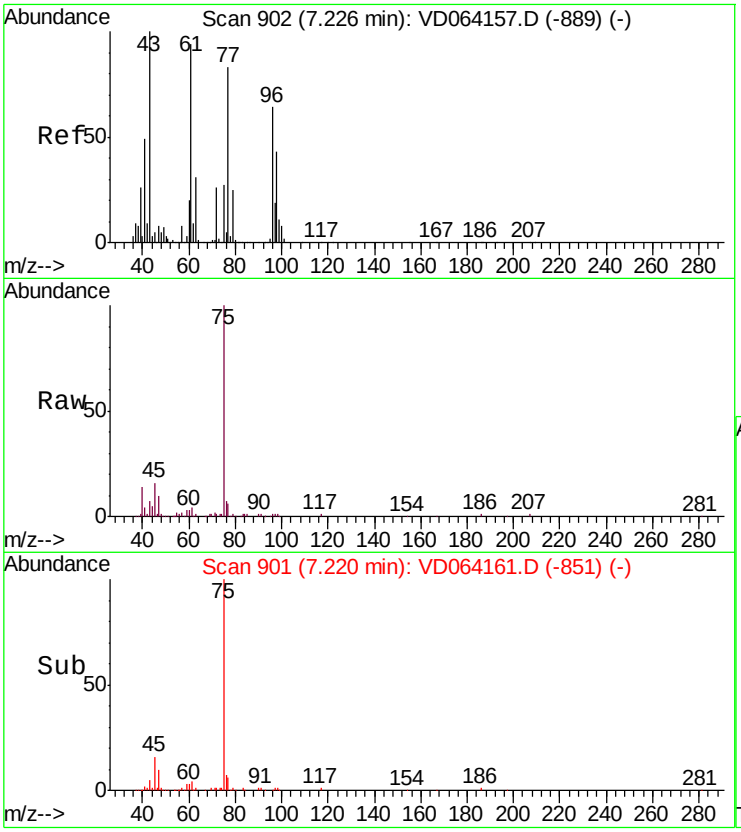


#20
Methylene Chloride
Concen: 3.431 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 84 Resp: 27662

Ion	Ratio	Lower	Upper
84	100		
49	98.9	102.1	153.1#
51	33.7	32.2	48.2
86	57.8	49.9	74.9



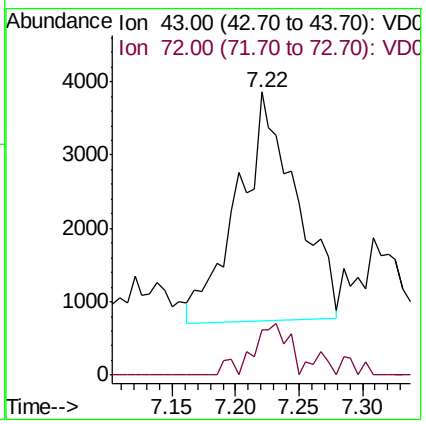


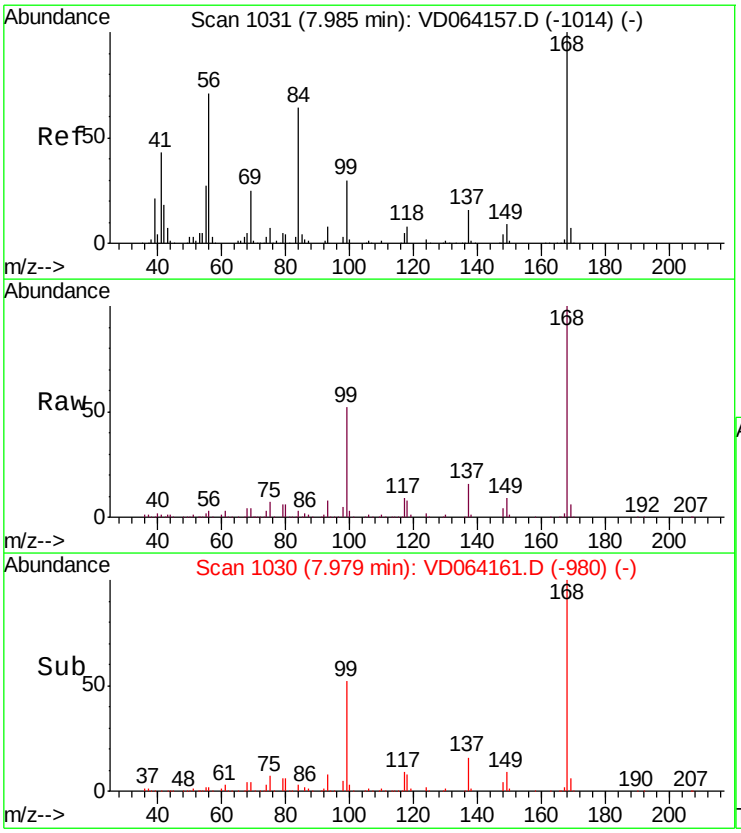
#25
2-Butanone
Concen: 4.826 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion: 43 Resp: 9951

Ion	Ratio	Lower	Upper
43	100		
72	20.7	20.6	30.8

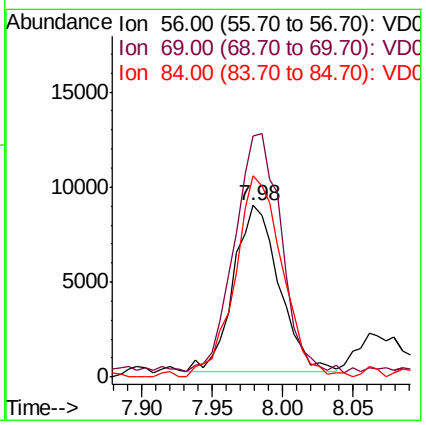


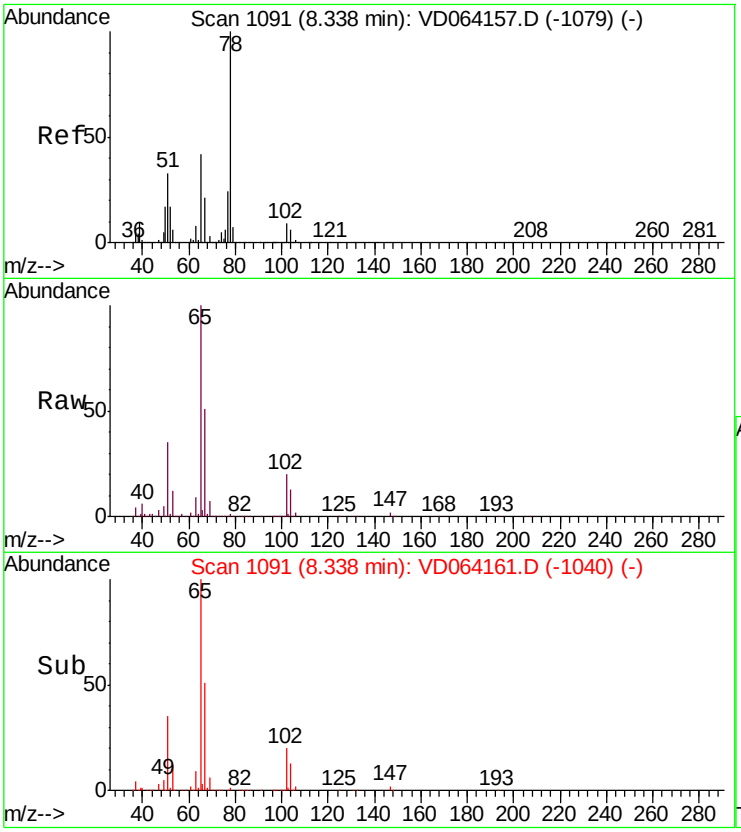


#31
Cyclohexane
Concen: 1.508 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 56 Resp: 19948

Ion	Ratio	Lower	Upper
56	100		
69	142.0	28.2	42.4#
84	118.9	71.8	107.6#



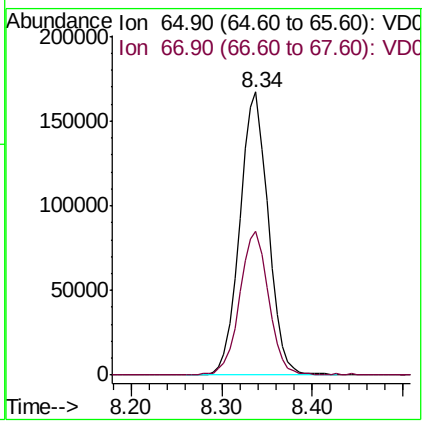


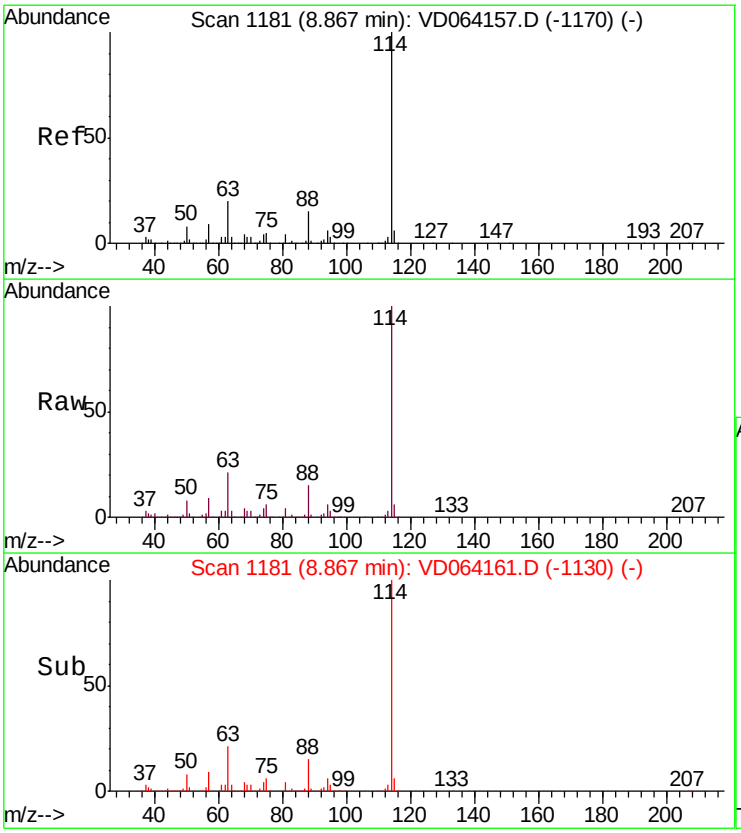
#33
1,2-Dichloroethane-d4
Concen: 53.957 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion: 65 Resp: 363544

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

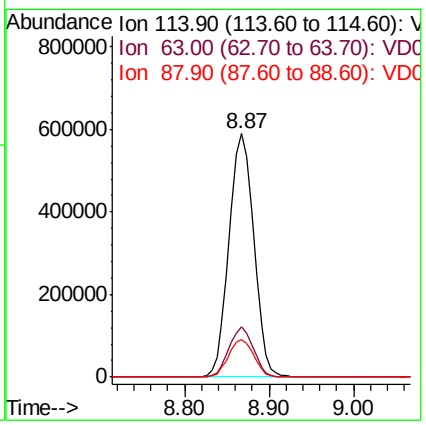


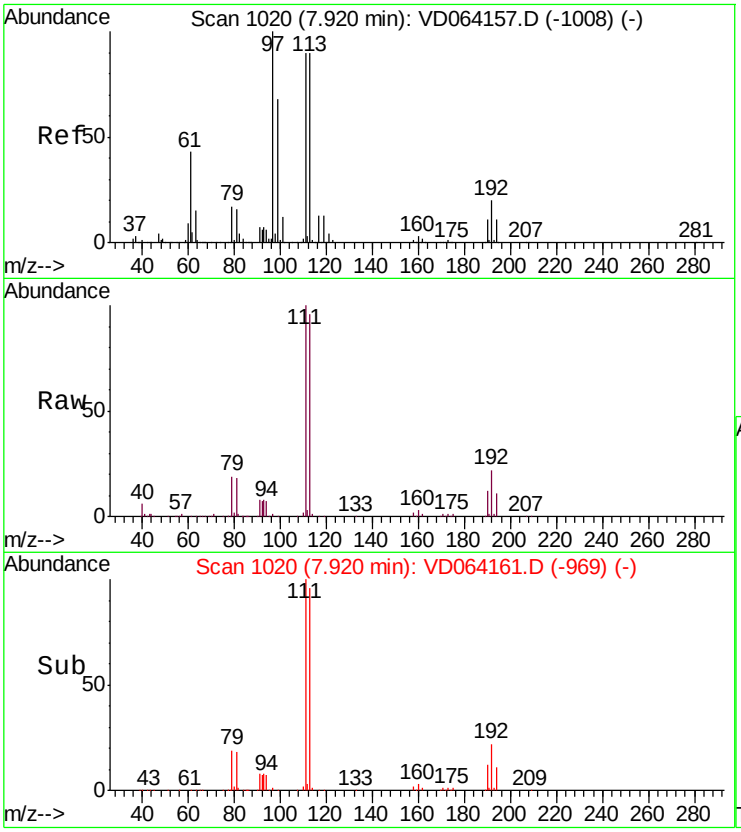


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion:114 Resp: 1196236

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.0
88	15.5	0.0	30.2



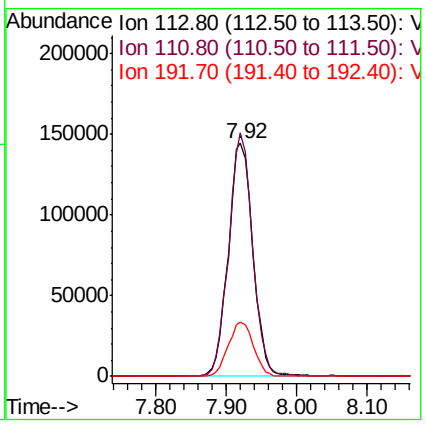


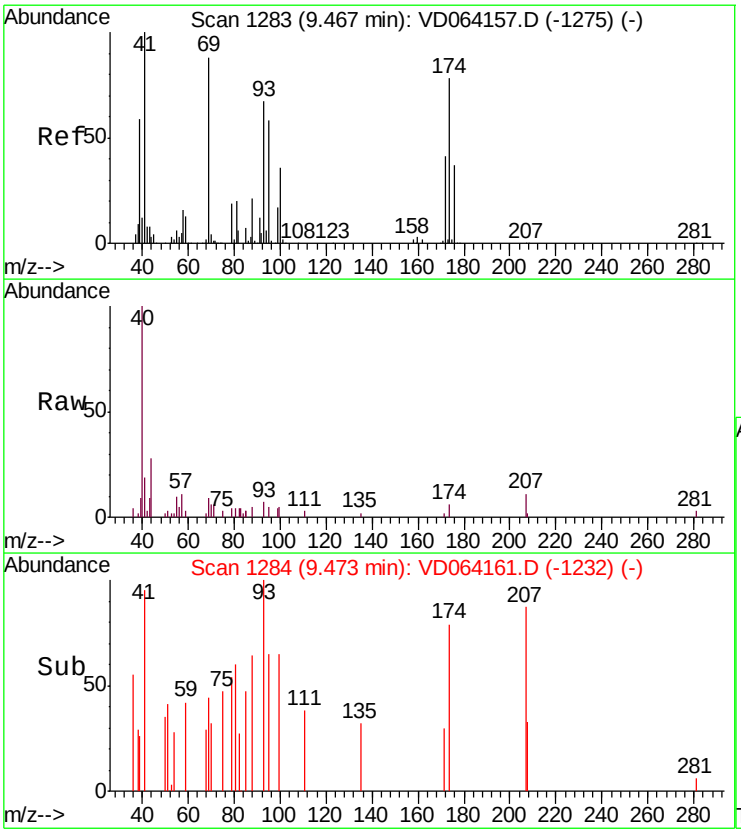
#35
Dibromofluoromethane
Concen: 51.063 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion:113 Resp: 350631

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	23.8	18.8	28.2

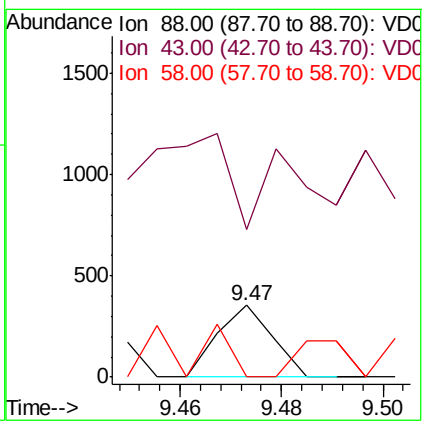


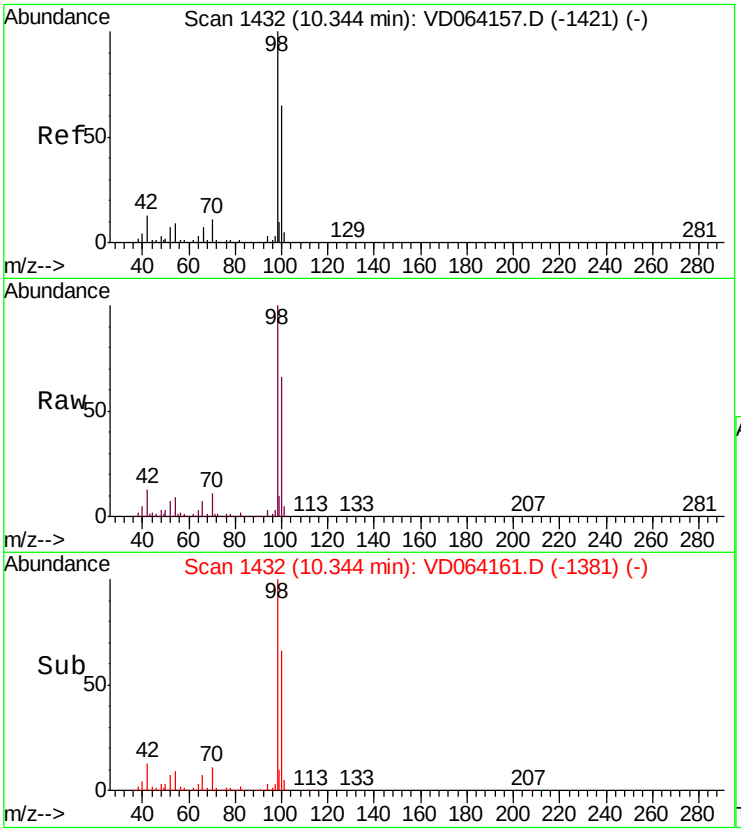


#49
1,4-Dioxane
Concen: 5.612 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
43	242.3	29.8	44.8#
58	69.1	58.1	87.1



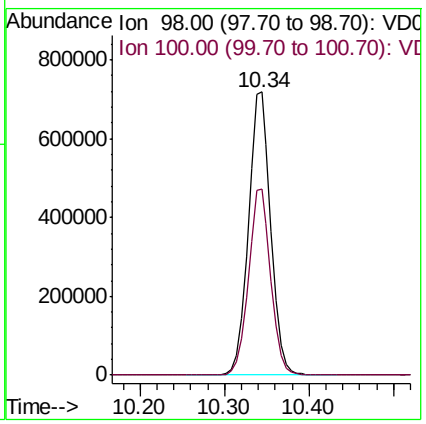


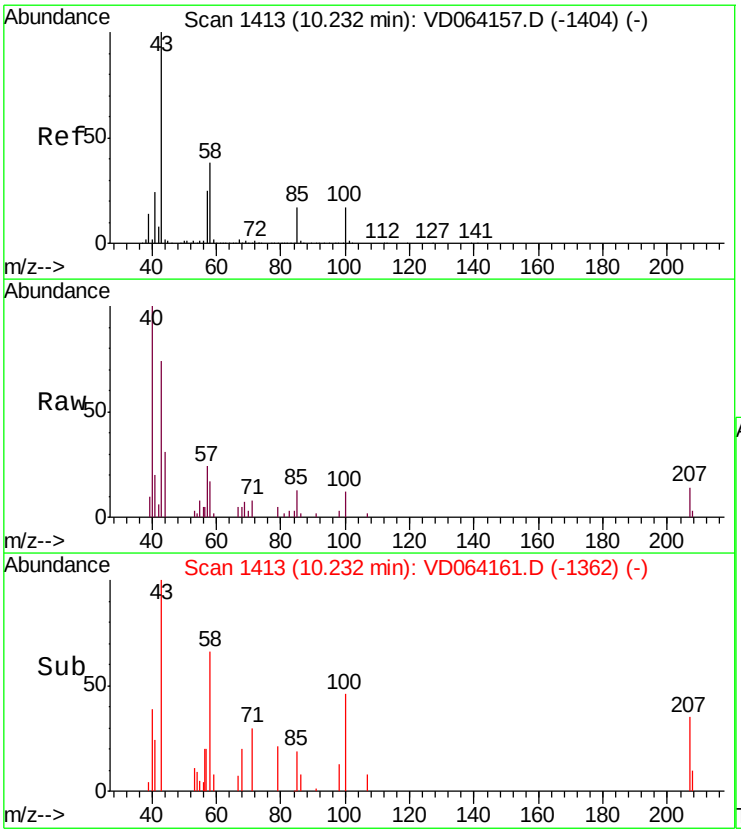
#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument : MSVOA_D
ClientSampleId : VD1108SBL01

Tgt Ion: 98 Resp: 1319901

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8

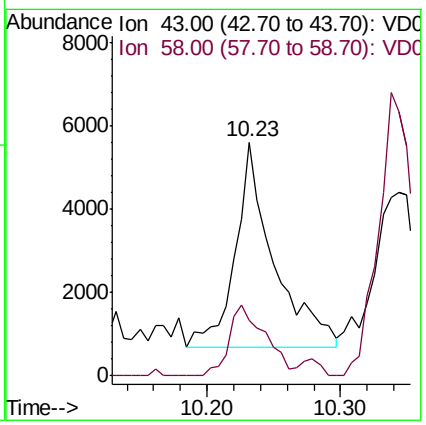


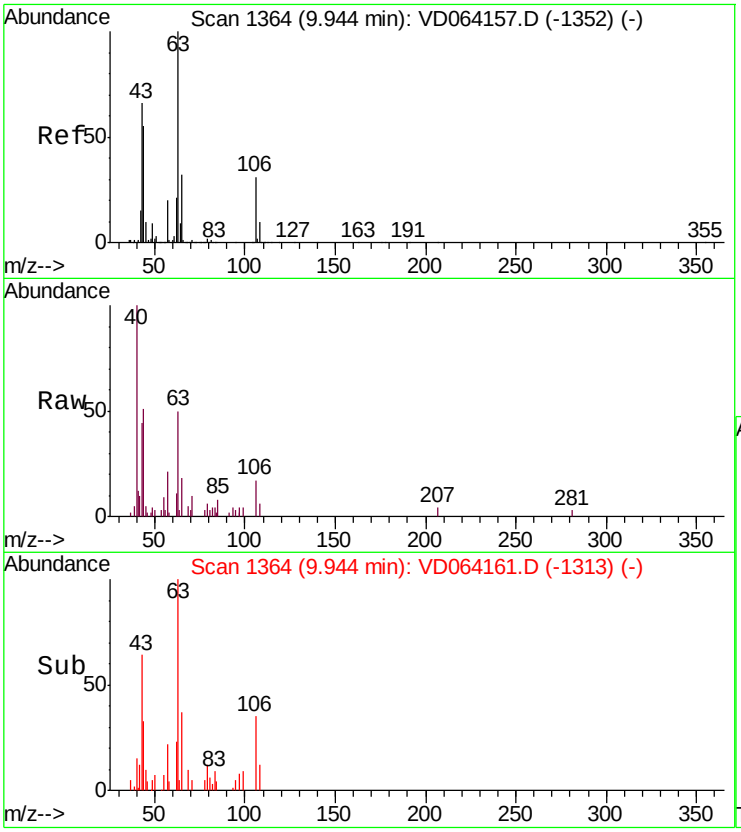


#51
4-Methyl-2-Pentanone
Concen: 2.145 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 43 Resp: 9866

Ion	Ratio	Lower	Upper
43	100		
58	32.9	30.2	45.4



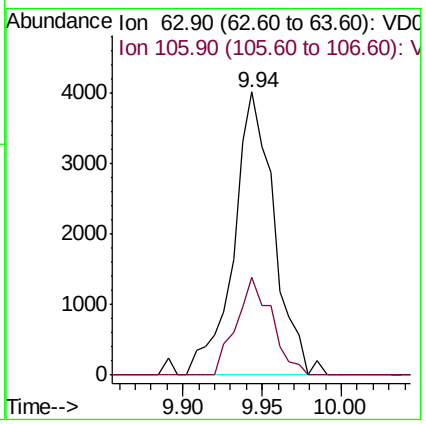


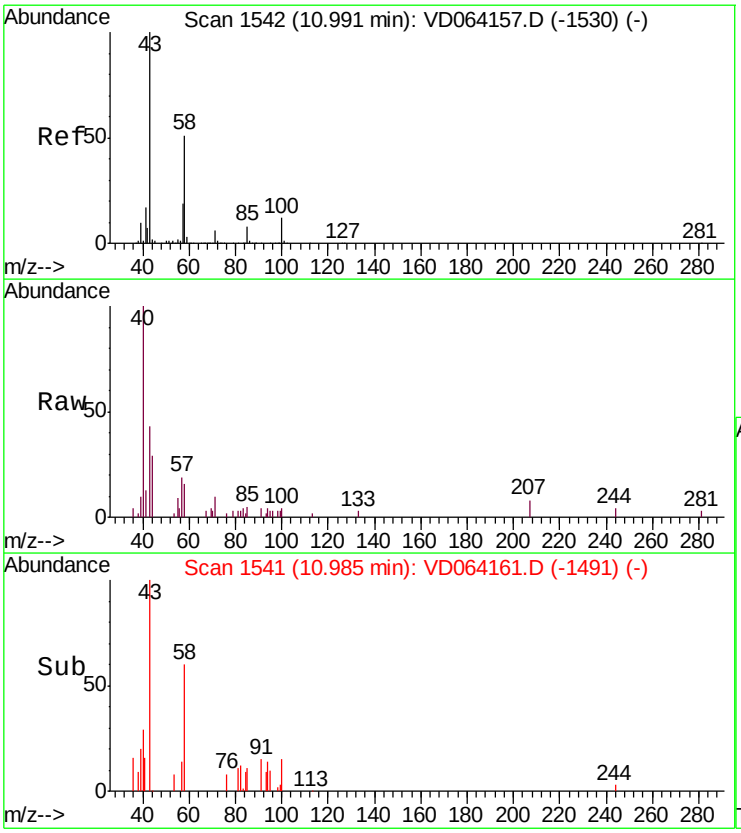
#58
2-Chloroethyl Vinyl ether
Concen: 2.346 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument : MSVOA_D
ClientSampleId : VD1108SBL01

Tgt Ion: 63 Resp: 7091

Ion	Ratio	Lower	Upper
63	100		
106	30.6	24.1	36.1

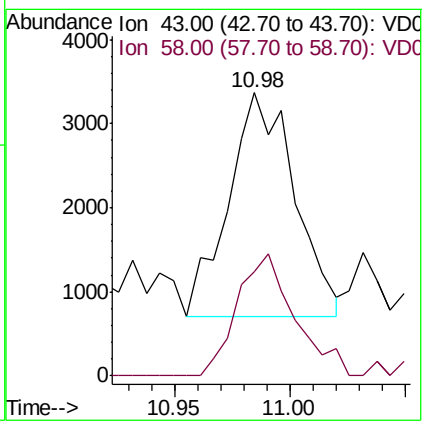


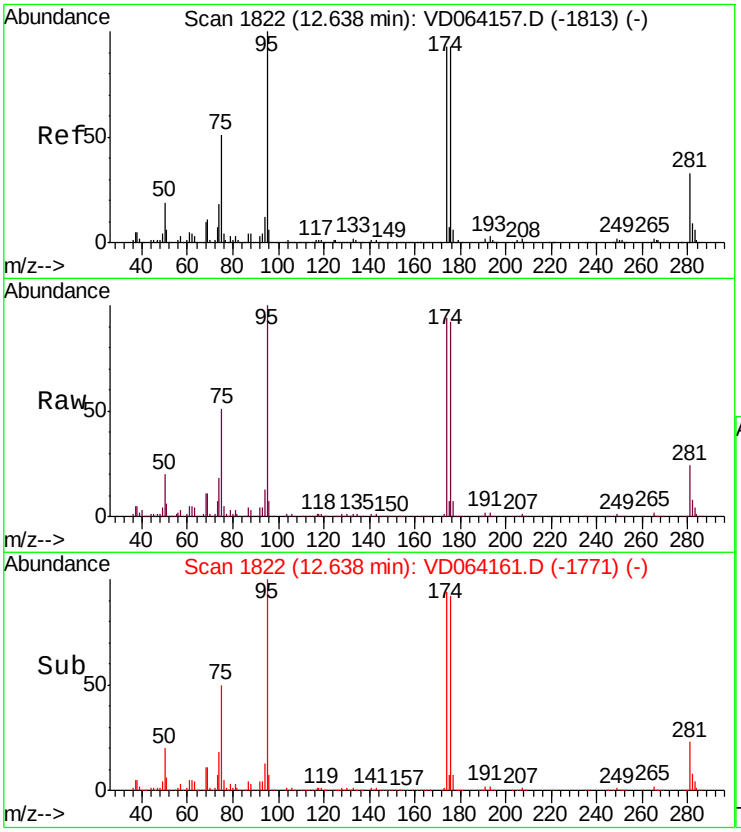


#59
2-Hexanone
Concen: 1.628 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 43 Resp: 5328

Ion	Ratio	Lower	Upper
43	100		
58	47.2	25.9	77.7



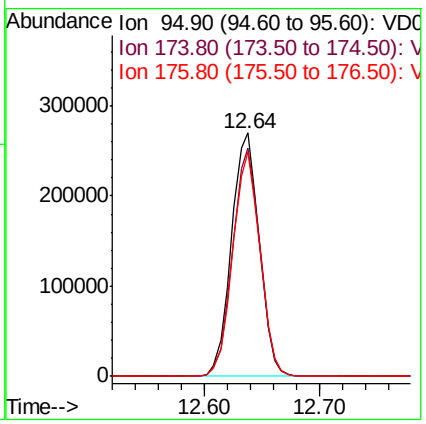


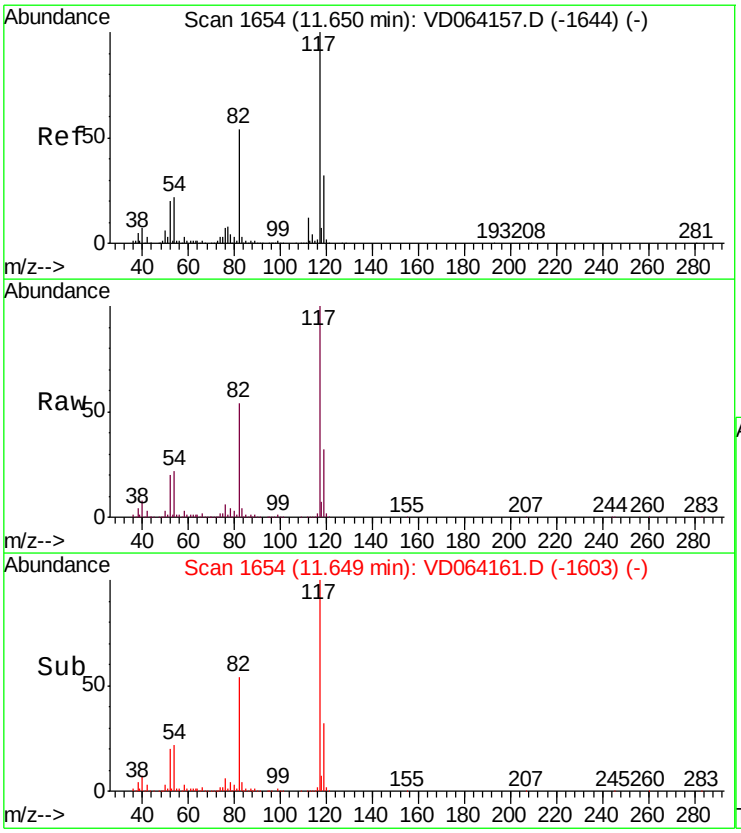
#62
4-Bromofluorobenzene
Concen: 49.916 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion: 95 Resp: 447779

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	183.6
176	90.5	0.0	180.2

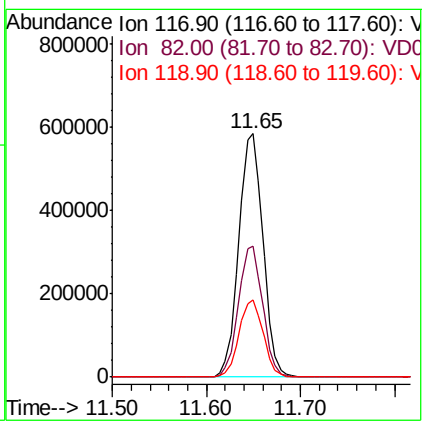


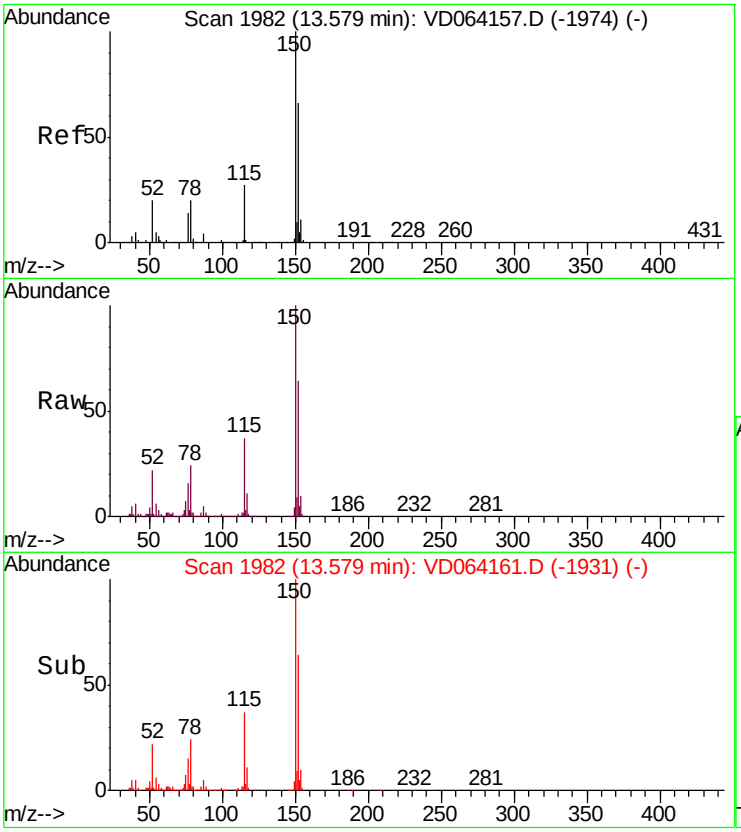


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion:117 Resp: 1044646

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.0	25.6	38.4



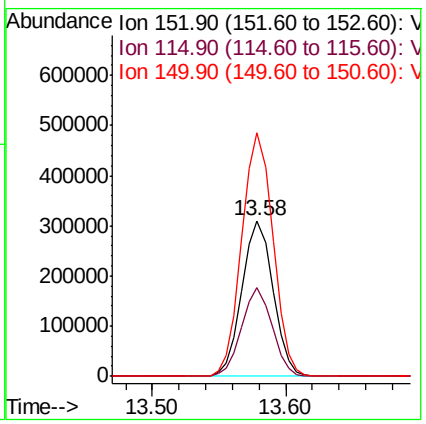


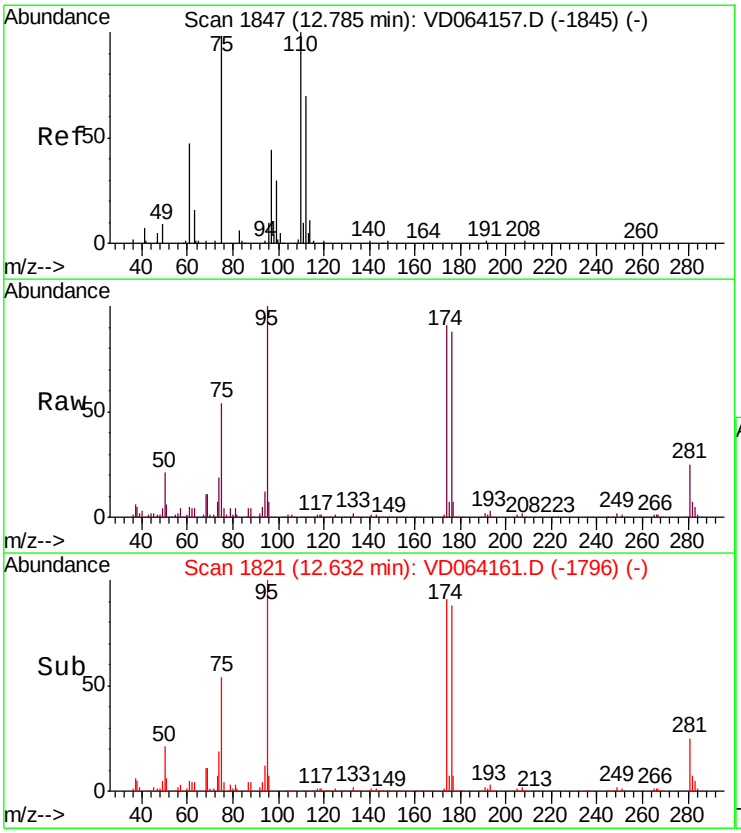
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument : MSVOA_D
ClientSampleId : VD1108SBL01

Tgt Ion:152 Resp: 499640

Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.4	82.2
150	157.3	0.0	351.6

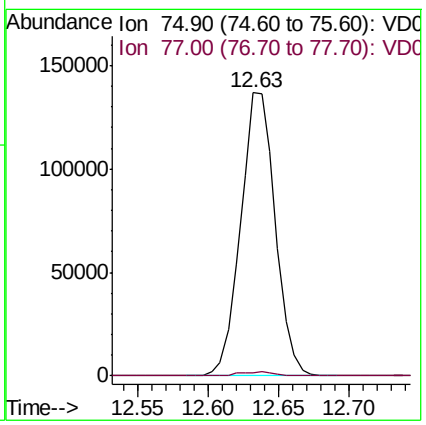


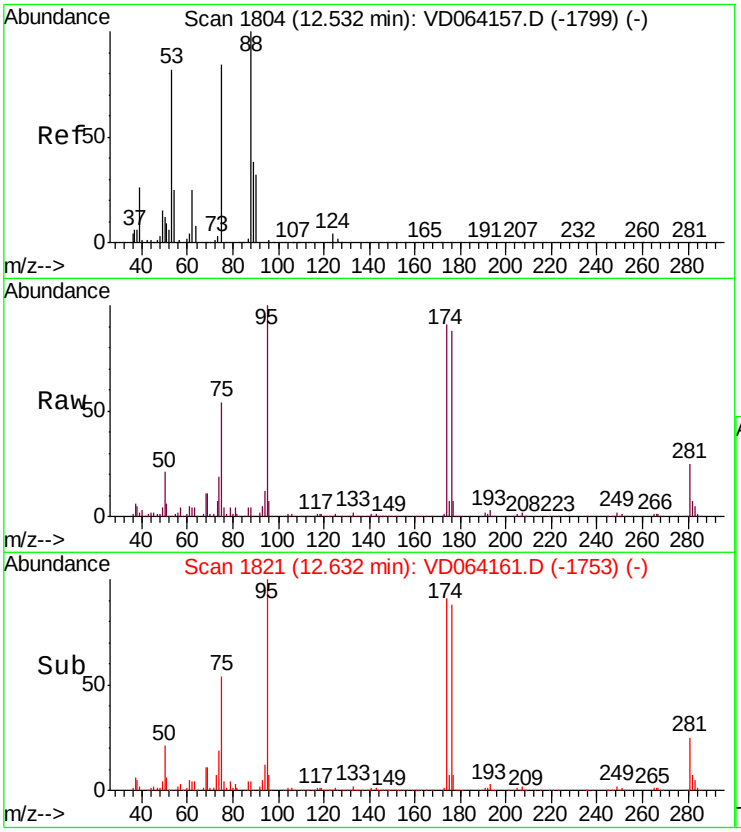


#76
1,2,3-Trichloropropane
Concen: 58.331 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Tgt Ion: 75 Resp: 234749

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.868 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD064161.D
Acq: 08 Nov 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

Tgt Ion: 75 Resp: 234749

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.4	119.0#
89	0.3	36.6	55.0#